

1                   PENDING CLAIMS

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3                   In the Claims

4       1. (Amended) A system for providing Internet-related services in response to a handheld  
5       device without requiring the handheld device to itself be Internet-enabled, comprising:

6                   a client module embedded in the handheld device to enable the handheld device to  
7       send a selected stored Universal Resource Locator (URL) via a local communication link,  
8       wherein the URL indicates a desired Internet web page;

9                   a receiver that receives the URL sent from the handheld device via the local  
10      communication link;

11                  a web access module coupled to the receiver and to an external Internet via an Internet  
12      communication link different from said local communication link to access and retrieve the  
13      desired web page from a remote web server via the external Internet; and

14                  a render system coupled to the web access module to render the retrieved web page to  
15      the user of the handheld device.

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17       2. (Unchanged) The system of claim 1, wherein the handheld device fits into a user's  
18      palm.

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20       3. (Amended) The system of claim 1, further comprising a memory coupled with the  
21      handheld device to store at least one URL, wherein the URL sent is selected from the at least  
22      one URL.

23

24       4. (Amended) The system of claim 1, further comprising a communication module in the  
25      handheld device that receives the URL from a remote site via a second communication link  
26      coupled to the communication module.

27

28       5. (Amended) The system of claim 4, wherein the second communication link is a link  
29      to a wireless network.

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31       6. (Amended) The system of claim 1, wherein the handheld device is selected from a  
32      group of devices consisting of: a pager device, a cellular phone device, a personal organizer  
33      device, a watch device, a palm pilot device, and an information appliance device.

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1      7. (Amended) The system of claim 1, wherein the receiver, the web access module, and  
2      the render system all physically reside within a single enclosure separate from the handheld  
3      device.

4

5      8. (Unchanged) The system of claim 1, wherein the communication link is a wireless  
6      communication link.

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8      9. (Amended) The system of claim 8, wherein the wireless communication link is  
9      selected from a group of communication links consisting of: an infra-red communication link,  
10     a radio frequency communication link, a microwave communication link, a laser  
11     communication link, and combinations thereof.

12

13     10. (Amended) The system of claim 1, wherein the web access module communicates  
14     with the remote web server via the Internet communication link using an open standard  
15     communication protocol.

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17     11. (Unchanged) The system of claim 10, wherein the open standard communication  
18     protocol is a Hyper Text Transport Protocol (HTTP).

19

20     12. (Amended) The system of claim 1, wherein the render system further comprises at  
21     least one render system selected from a group of systems consisting of: a printer system, a  
22     display system, a projection display system, a user interface display system, an audio/video  
23     player system, a Web television system, and a combination thereof.

24

25     13. (Amended) A system for providing an Internet-related service from a remote Internet-  
26     related server via an Internet communication link based on a Universal Resource Locator  
27     (URL) indicated by a handheld device, comprising:

28            a receiver module to receive the URL from the handheld device via a communication  
29     link;

30            a web access module to access and retrieve the Internet-related service via the Internet  
31     communication link based on the URL;

32            a render module to render the retrieved Internet-related service, wherein the receiver  
33     module, the web access module, and the render module are all physically separated from the  
34     handheld device.

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2     14. (Amended) The system of claim 13, wherein the render module further comprises at  
3     least one render system selected from a group of systems consisting of: a printer system, a  
4     display system, an information appliance, a projection display system, a user interface display  
5     system, an audio/video player system, a Web television system, and a combination thereof.  
6  
7     15. (Amended) The system of claim 13, wherein the web access module communicates  
8     with the remote Internet-related server via the Internet communication link using an open  
9     standard communication protocol.  
10  
11    16. (Unchanged) The system of claim 15, wherein the open standard communication  
12    protocol is a Hyper Text Transport Protocol (HTTP).  
13  
14    17. (Unchanged) The system of claim 13, wherein the communication link is a wireless  
15    communication link.  
16  
17    18. (Amended) The system of claim 17, wherein the wireless communication link is  
18    selected from a group of communication links consisting of: an infra-red communication link,  
19    a radio frequency communication link, a microwave communication link, a laser  
20    communication link, and combinations thereof.  
21  
22    19. (New) The system of Claim 1, wherein the web access module comprises a web  
23    browser without a rendering function.  
24  
25    20. (New) The system of Claim 1, wherein the rendering system is a device-specific  
26    rendering system.  
27  
28    21. (New) The system of Claim 1, wherein the handheld device is a watch.  
29  
30    22. (New) The system of Claim 1, wherein the handheld device is a pager.  
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32    23. (New) The system of Claim 1, wherein said client module is does not have Internet  
33    access function and does not include an Internet web browser application program or provide  
34    any direct connectivity to the Internet.

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2 24. (New) The system of Claim 1, wherein said client module has Internet access function  
3 and includes an Internet web browser, but neither the Internet access function nor the Internet  
4 web browser are utilized to send the URL via the local communication link.

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6 25. (New) The system of Claim 1, wherein only said URL is communicated, and said  
7 URL is communicated by sending only a few bytes of data.

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9 26. (New) The system of Claim 1, wherein the URL is in the actual URL form or  
10 embedded in a hyperlink.

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12 27. (New) The system of Claim 1, wherein the rendering system includes a printer  
13 external to said handheld device or a display screen device external to said handheld device.

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15 28. (New) The system of Claim 1, wherein the rendering system includes an audio or  
16 video player system external to said handheld device.

17

18 29. (New) A mobile system capable of communicating with a gateway module, which  
19 comprises a web access module to access and retrieve an Internet-related service from a  
20 remote Internet-related server via an Internet communication link based on a Universal  
21 Resource Locator (URL); and a render module to render the received Internet-related service,  
22 the mobile system comprising:

23           a client module to enable sending the URL via a communication link to the gateway  
24 module for use in the access and retrieval of the Internet-related service, wherein the gateway  
25 module communicates the retrieved Internet-related service with the rendering module, which  
26 renders of the retrieved Internet-related service in proximity to the mobile system.

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28 30. (New) The system of claim 29, further comprising a memory coupled with the mobile  
29 system to store at least one URL, wherein the URL sent is selected from the at least one URL.

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31 31. (New) The system of claim 30, further comprising a communication module to  
32 receive the URL from the gateway module.

33

1       32. (New) A gateway system capable of receiving a communication including Universal  
2       Resource Locator (URL) via a communication link from a mobile system, said gateway  
3       system comprising:

4              a communication module to receive the communication from the mobile system;

5              a web access module to access and retrieve an Internet-related service from a remote  
6       Internet-related server via an Internet communication link based on the URL; and

7              a render module to receive the retrieved Internet-related service from the web access  
8       module and to render at least a subset of the retrieved Internet-related service in proximity to  
9       the mobile system.

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11       33. (New) The system of claim 32, further comprising a second communication module  
12       to send a second URL to the mobile system.

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14       34. (New) The system of claim 33, wherein each module of the gateway system  
15       physically resides within at least one enclosure separate from the mobile system.

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17       35. (New) A system for providing Internet-related services in response to a handheld  
18       device without requiring the handheld device to itself be Internet-enabled, comprising:

19              a receiver that receives a Universal Resource Locator (URL) sent from the handheld  
20       device via a local communication link, wherein the URL indicates a desired Internet web  
21       page;

22              a web access module coupled to the receiver and to an external Internet via an Internet  
23       communication link different from said local communication link to access and retrieve the  
24       desired web page from a remote web server via the external Internet; and

25              a render system coupled to the web access module to render the retrieved web page to  
26       the user of the handheld device, wherein the receiver, the web access module, and the render  
27       system all physically reside within the system while the handheld device is physically  
28       separated from the system, and

29              wherein the render system further comprises at least one of: a printer system, a  
30       projection display system, an audio/video player system, and a Web television system.

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